



Attorney Docket No. 5543P008

Patent

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re Patent Application of:

Soumya Roy, et al.

Application No.: 10/033,502

Filed: December 27, 2001

For: TOOL FOR MEASURING AVAILABLE  
BANDWIDTH IN COMPUTER  
NETWORKS

Date of Allowance: July 10, 2006

Confirmation No.: 8659

) Examiner: Blount, Steven

) Art Unit: 2616

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on October 10, 2006  
Date of Deposit

Christopher P. Marshall

Name of Person Mailing Correspondence

Cp. Marshall  
Signature

10/10/2006  
Date

Commissioner for Patents  
P.O. Box 1450  
Alexandria, Virginia 22313-1450

REQUEST FOR EXAMINER INITIALS

Sir:


Applicants request that the Examiner initial the cited documents on Form PTO-1449 submitted with an Information Disclosure Statement filed April 7, 2006 in the present application and return a photocopy of that initialed Form PTO-1449 to applicants. Applicants request the Examiner's initials in order to show consideration of the cited references.

A photocopy of the previously-submitted Form PTO-1449 is included herewith  
without copies of the previously submitted references.

Respectfully submitted,

BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP

Dated: October 10, 2006

  
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OCT 16 2006

Substitute for Form 1349/PTO

# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Complete if Known

Application Number	10/033,502
Filing Date	December 27, 2001
First Named Inventor:	Soumya Roy
Art Unit	2661
Examiner Name	Blount, Steven
Attorney Docket Number	5543P008

Sheet 1 of 2

## NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T <sup>2</sup>
		V. Jacobsen, "pathchar - a tool to infer characteristics of Internet paths," Presented at Mathematical Sciences Research Institute (MSRI), pgs. 1-21 (April 21, 1997)	
		Bruce A. Mah, "Pchar: Child of Pathchar," Security and Networking Research Department (8910), Sandia National Laboratories, California (July 21, 1999)	
		A.B. Downey, "Using pathchar to estimate Internet link characteristics", ACM Sigcomm, August 1999	
		Kevin Lai and Mary Baker, "Measuring link bandwidths using a deterministic model of packet delay," ACM Sigcomm 2000 (August 2000)	
		V. Jacobson, et al., "Congestion avoidance and control", ACM SIGCOMM Computer Communication Review, Symposium proceedings on Communications architectures and protocols SIGCOMM '88, Volume 18 Issue 4 (November 1988)	
		V. Paxson, "End-to-end Internet packet dynamics", Proceedings of the ACM SIGCOMM '97 conference on Applications, Technologies, Architectures, and Protocols for Computer Communication (June 23, 1997)	
		R.L. Carter and M. Crovella, "Dynamic server selection using bandwidth probing in wide area networks", BU-CS-96-007 (March 18, 1996)	
		C. Dovrolis, P. Ramanathan, and D. Moore, "What do packet dispersion techniques measure?," Proceedings of IEEE Infocom'01 (2001)	
		J.C. Bolot, "Characterizing end-to-end packet delay and loss in the Internet," Journal of High Speed Networks, Vol. 2, No. 3, pp. 305-323 (December 1993)	
		L. Zhang et al., "Observations on the dynamics of a congestion control algorithm: The effects of two way traffic", ACM Sigcomm (September 1991)	
		"BPROBE and CPROBE -- Network Probe Tools Home Page," available at <a href="http://cs-people.bu.edu/carter/tools/Tools.html">http://cs-people.bu.edu/carter/tools/Tools.html</a> (prior to filing date)	

Examiner Signature	Date Considered
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\*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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<b>Substitute for Form 1449/PTO</b>  <b>INFORMATION DISCLOSURE</b> <b>STATEMENT BY APPLICANT</b> <i>(use as many sheets as necessary)</i>				<b>Complete if Known</b>	
				Application Number	10/033,502
				Filing Date	December 27, 2001
				First Named Inventor:	Soumya Roy
				Art Unit	2661
				Examiner Name	Blount, Steven
Sheet	2	of	2	Attorney Docket Number	5543P008
<b>NON PATENT LITERATURE DOCUMENTS</b>					
Examiner Initials*	Cite No <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published			T <sup>2</sup>
		Constantinos Dovrolis & Ravi Prasad, "Pathrate: A measurement tool for the capacity of network paths", available at <a href="http://www-static.cc.gatech.edu/fac/Constantinos.Dovrolis/parthrate.html">http://www-static.cc.gatech.edu/fac/Constantinos.Dovrolis/parthrate.html</a> (January 2004)			
		S. Keshav, "A control-theoretic approach to flow control," ACM Sigcomm, September 1991			
		David D. Clark, Mark L. Lambert, Lixia Zhang, "NETBLT: A Bulk Data Transfer Protocol," RFC 998 (March 1987)			
		Constantinos Dovrolis, "BW-meter project (pathrate and pathload)," pp. 1-2 (July 2001)			
		Bruce A. Mah, "pcharpchar: A Tool for Measureing Internet Path Characteristics," (June 13, 2001).			

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